

43. A computer-readable medium containing instructions that cause a data processing system to perform a method for providing resources adapted to at least one of a plurality of user environments, the method comprising the steps of:

initiating execution of a program, the program having an application object and a resource identifier that is associated with a plurality of resource data stored in the application object; and

while the program is executing,

determining from the application object which of the plurality of user environments the program is executing in; and

identifying which of the resource data is suitable for the determined user environment by using both the resource identifier and the determined user environment.

44. The computer-readable medium of claim 43, wherein the determined user environment identifies a location of a user of the program.

45. The computer-readable medium of claim 43, wherein the determined user environment identifies a language of a user of the program.

46. The computer-readable medium of claim 43, wherein the program has a plurality of resource identifiers; and the method further comprising the steps of:

while the program is executing,

receiving a received resource data; and

identifying which of the resource identifiers is suitable for the determined user environment by using both the received resource data and the determined user environment.

47. The computer-readable medium of claim 43, wherein the step of identifying which of the resource data is suitable comprises:

loading a lookup object for linking the resource identifier with the resource data suitable for the determined user environment; and

obtaining the suitable resource data from the lookup object by using the resource identifier and the determined user environment.

48. The computer-readable medium of claim 47, wherein a number of users are using the data processing system; and wherein at least one lookup object is loaded for each user.

49. The computer-readable medium of claim 47, wherein a number of users are using the data processing system; and wherein at least one lookup object is loaded for a plurality of users.

50. The computer-readable medium of claim 47, wherein the step of obtaining the suitable resource data comprises:

generating a string identifier comprising the resource identifier and the user environment; and

obtaining the suitable resource data using the generated string identifier, wherein the lookup object includes a link between the string identifier and the suitable resource data.

51. The computer-readable medium of claim 47, wherein the step of obtaining the suitable resource data comprises:

invoking a dictionary function to obtain one of a plurality of lookup objects corresponding to the determined user environment and that link the resource identifier with the suitable resource data.

52. A computer-readable medium containing instructions that cause a data processing system to perform a method for providing resources adapted to at least one of a plurality of user environments, the method comprising the steps of:

initiating execution of a program, the program having an application object and a resource identifier that is associated with a plurality of resource data stored in the application object; and

while the program is executing,

determining from the application object which of the plurality of user environments the program is executing in;

loading a lookup object for linking the resource identifier with a resource data suitable for the determined user environment; and

obtaining the suitable resource data from the lookup object by using the resource identifier and the determined user environment.

53. A data processing system for providing resources adapted to at least one of a plurality of user environments, the data processing system comprising:

a memory comprising a program having a session object and a resource identifier that is associated with a plurality of resource data stored in the session object, the program determining from the session object which of a plurality of user environments the program is executing in, and identifying which of the resource data is suitable for the determined user environment by using both the resource identifier and the determined user environment; and

a processing unit that runs the program.

54. The data processing system of claim 53, wherein the program has a plurality of resource identifiers; and wherein the program identifies which of the resource identifiers is suitable for the determined user environment by using both a received resource data and the determined user environment.

55. The data processing system of claim 53, wherein the resource data comprise a string of at least one character.

56. The data processing system of claim 53, wherein the resource data comprise a resource function including rules for character representation.

57. The data processing system of claim 53, wherein the determined user environment identifies a location of a user of the program.